Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No.....1504 Final Date.....2019.

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-23-000009**

Schedule Docket No. Head of Account: Est.Cost: **15.00** Lakhs B.R.No. :

Name of Work : Repairs and renovation of Samudaya Bhanvana Building at Nagenahalli and Kenchenahalli in chowdeshwari ward no-02 of yelahanka Sub division.

Name of Contractor and Full Address: **Sri Chethan P No 53/23, 5th cross Lawlrence layout veerannapalya Bangalore – 560045.**

Reference to Agreement No. EE/YNK.D/ E-PMT- 12 / **W.O/ 050 /2022-23** Date: 31-12-2022.

Certified that the measurements were taken by me on 28.12.22 and recorded of Pages ..... **To** ..... of measurement **Book No** ..... and that the work is satisfactorily executed.

Chethan P
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 3/03/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zone)
Yelahanka, Bangalore

Sub Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being .....percent Rs.....	
3) " Balance	
4) Deduct Payment:	
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	
b) Payments Now made: cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7) Net amount due to or from Contractor unadjustments items.	
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	
Total amount adjusted -	

Chethan P
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Chethan P
Signature of Contractor

Stamp

Dated
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Executive Engineer

Sl no	Description of work	Unit	Measurment		Present Measurement			Total up-to date		Rema
			Qty	cost	Qty	Rate	Cost	Qty	cost	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge.	Cum	-	-	3.72	1401.40	5213.2	3.72	5213.2	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material to the appropriate disposal area as per direction of Engineer-in-charge.For thickness of tiles 10 mm to 25 mm	Sqm	-	-	6.00	1401.40	8408.4	6.00	8408.4	
3	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking to the appropriate disposal area as per direction of Engineer-in-charge.	Sqm	-	-	180.00	2.20	396.0	180.00	396.0	
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc complete and stacking to the appropriate disposal area as per direction of Engineerin-charge.Of area beyond 3 m	Sqm	-	-	8.04	104.50	840.2	8.04	840.2	
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.Specification	Cum	-	-	1.86	6109.40	11363.5	1.86	11363.5	
6	Providing and laying Cement concrete flooring 40 mm thick with 20 mm nominal size stone aggregate using 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry complete.	Sqm	-	-	18.61	300.00	5583.0	18.61	5583.0	
7	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge.	Sqm	-	-	6.00	796.40	4778.4	6.00	4778.4	
8	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2 including pointing in white cement mixed with pigment of matching shade complete	Sqm	-	-	6.00	682.00	4092.0	6.00	4092.0	
9	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications	Sqm	-	-	39.39	1140.70	44932.2	39.39	44932.2	
10	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work	Sqm	-	-	6.00	12475.00	74850.0	6.00	74850.0	
11	Providing and fixing fiber glass reinforced plastic(FRP) Door frames of cross-section 90mm x 45mm having single rebate of 32mm x 15mm to receive shutter of 30mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyrster resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frames shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame	Sqm	-	-	8.04	694.10	5580.6	8.04	5580.6	
12	Providing and fixing to existing door frames. 30mm thick glass fiber reinforced plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made ith fire-retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5mm thick FRP laminate for panels conforming to IS:14856, including fixing to frames	Sqm	-	-	8.04	3437.50	27637.5	8.04	27637.5	
13	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge	Sqm	-	-	653.76	149.60	97802.5	653.76	97802.5	
14	Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge	Sqm	-	-	759.99	151.80	115366.5	759.99	115366.5	

15	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m^2 over an under coat of primer applied @ 0.80 ltr/10 m^2 of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	-	-	50.40	116.60	5876.6	50.40	5876.6	
16	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.	Sqm	-	-	206.70	819.50	169390.7	206.70	169390.7	
17	Providing and placing on terrace(at all floor levels), polyethylene water storage tanks as per IS 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity)	Ltr	-	-	4000.00	8.80	35200.0	4000.00	35200.0	
18	LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts complete and as per the directions of the Engineer-in-charge of the work	Each	-	-	29.00	496.00	14384.0	29.00	14384.0	
19	Supplying and fixing of slim patty fitting, made out of CRCA Sheet metal body with locking type holder completely wired Excluding Ballast & Fluorescent Tube	Each	-	-	40.00	2085.00	83400.0	40.00	83400.0	
20	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.	Each	-	-	6.00	7300.00	43800.0	6.00	43800.0	
21	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 12Way SP &N	Each	-	-	8.00	450.00	3600.0	8.00	3600.0	
22	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS: 1709/1984 with latest amendment, Rated voltage 220 V/50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value 4.2 CMM / W, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation, Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor winding. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 V, Insulation resistance Shall not be less than Two Mega Ohms (2M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, W& current, Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty. 48" Sweep 5 Star (1200 mm) Each 2949.00	Each	-	-	18.00	2400.00	43200.0	18.00	43200.0	
23	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments2 HP, Size 50x40 Head 22M, Discharge 186 LPM	Each	-	-	2.00	17000.00	34000.0	2.00	34000.0	
24	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, includingb painting of fittings and brackets, cutting and making good the walls wherever require: 14.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	-	-	10.00	2500.90	25009.0	10.00	25009.0	
25	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.	M			68.00	500.80	34054.4	68.00	34054.4	
26	Round S S Chairs for samudhayabhavana. complete as per specification and Directions of Engineer In Charge.	Nos			60.00	1300.00	78000.0	60.00	78000.0	
27	Spacepanda Apollon Full Stainless Steel Folding Table, 18 gauge ,multipurpose table, Metal conference table (Free Standing , finish color - Grey, pre- assembled) for samudhayabhavana. complete as per specification and Directions of Engineer In Charge.	Nos			21.00	13000.00	273000.0	21.00	273000.0	
					Sub Total		**1249758.6**		**1249759**	
					GST 18%		**224957**		**224957**	
					Total		**1474715**		**1474715**	

Certificates:

The above work is done satisfactorily and complete in all respect.

There is no department Material issue for the above work.

This works comes under BBMP Limit.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore